

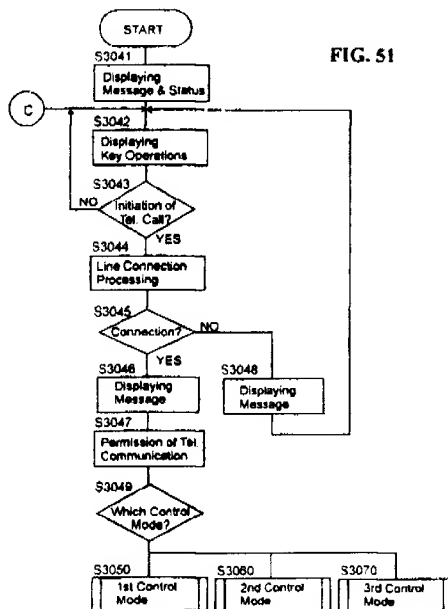
UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,046,239 B2
APPLICATION NO. : 09/770078
DATED : May 16, 2006
INVENTOR(S) : Katsuhiko Asai et al.

Page 1 of 3

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Drawing Sheet 39, FIG. 1, please delete FIG. 1, and add new FIG. 1 below:



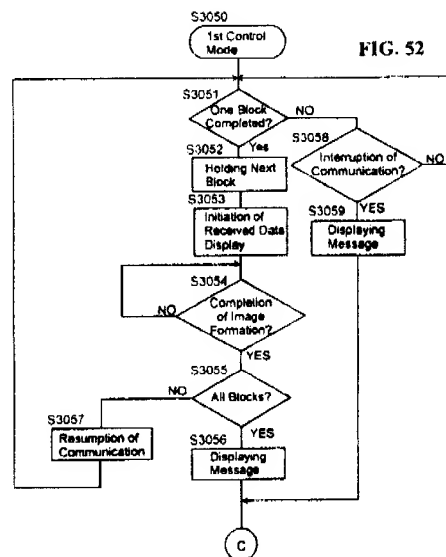
This certificate supersedes the Certificates of Correction issued February 15, 2011 and July 12, 2011.

Signed and Sealed this
Thirtieth Day of August, 2011

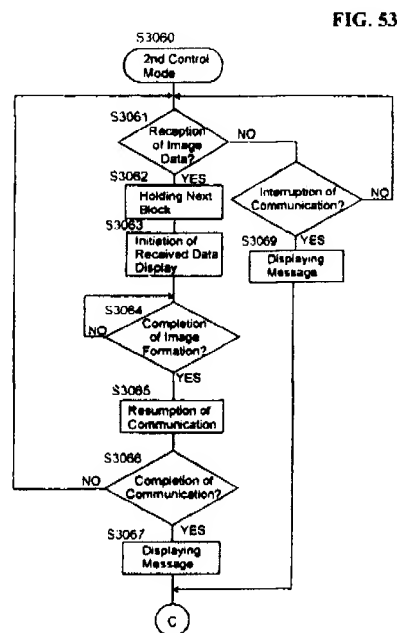
David J. Kappos

David J. Kappos
Director of the United States Patent and Trademark Office

Drawing Sheet 40, FIG. 2, please delete FIG. 2, and add new FIG. 2 below:



Drawing Sheet 41, FIG. 2, please delete FIG. 2, and add new FIG. 2 below:



Drawing Sheet 42, FIG. 2, please delete FIG. 2, and add new FIG. 2 below:

FIG. 54

